

B1 the range of 2.5mm+/- about 20%. The core diameter and the outer diameter of the male thread of the gun body may have a tolerance in the range of -0.05 mm +/- about 20%, respectively. The core diameter and the outer diameter of the female thread of the air nozzle ring may have a tolerance in the range of +0.1 mm +/- about 20%, respectively. The pitch may have a tolerance in the range of 0.1 mm +/- about 20%. --

In the Claims:

Please cancel claims 1 - 11 and substitute the following new claims 12 - 22:

B1 12(New). A spray paint gun comprising
a gun body having a male thread, and
an air nozzle ring having female thread, the female thread being adapted to be
screwed onto the male thread,

wherein the male and female threads are trapezoid threads having a flank angle in the range of 30° +/- about 20%, wherein the male and female threads have thread diameters between about 30 and about 40 mm, and wherein the male and female thread are characterized by:

thread heights within the range of 1.1 mm +/- about 20%,
root to crest clearance within the range of 0.1 mm +/- about 20%, and
flank clearance within the range of 0.15 mm +/- about 20%.

B2 13(New). A spray gun according to claim 12, wherein the male and female are further characterized by a pitch in the range of 2.5 mm +/- about 20%.

14(New). A spray gun according to claim 1 , wherein the core diameter and the outer diameter of the male thread of the gun body have a tolerance in the range of -0.05mm +/- about 20%, respectively.

15(New). A spray gun according to claim 13, wherein the core diameter and the outer diameter of the male thread of the gun body have a tolerance in the range of -0.05 mm +/- about 20%, respectively.

16(New). A spray gun according to claim 1, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance in the range of +0.1 mm +/- about 20%, respectively.

17(New). A spray gun according to claim 13, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance in the range of +0.1 mm +/- about 20%, respectively.

18(New). A spray gun according to claim 14, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance in the range of +0.1 mm +/- about 20%, respectively.

19(New). A spray gun according to claim 15, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance in the range of +0.1 mm +/- about 20%, respectively.

20(New). A spray gun according to claim 13, wherein the pitch has a tolerance in the range of 0.1 mm +/- about 20%.

21(New). A spray gun according to claim 12, wherein the male thread has a nominal diameter of about 38 mm.

22(New). A spray gun according to claim 13, wherein male thread has a nominal diameter of about 38 mm.

Remarks

Drawing Objections

Acceptance of the specification and drawing amendments submitted in and with the prior response is acknowledged with appreciation. Reconsideration of the objection to the drawing (office action, paragraph 5) is respectfully requested in light